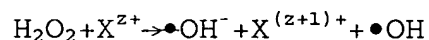


Amendments to the Specification

Please replace paragraph [54] with the following with the amended paragraph:

[54] These benign reactions typically occur when hydrogen peroxide decomposes at low and high potentials, respectively, in the presence of platinum. In accordance with the present invention, it has been found that once hydrogen peroxide enters the membrane, in the presence of a species X, which may be an impurity ion ( $X^{z+}$ ), the following reaction occurs instead:



Please add the following to paragraph [83]

[83] Islands or specific regions of catalyst can be deposited at specific locations, if desired, using complex solvent delivery followed by solvent phase separation, typically involving key parameters such as time, solubility, temperature, atmosphere and the like. This type of delivery may be desirable to create layers such as is shown in Figures 1, 4, 5 and 6.